

20100801.ba v04_n344.bam.20100801

>From ???@??? Sun Aug 1 00:00:19 2010 -0500
Date: Sun, 1 Aug 2010 00:00:15 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4344
Message-Id: <20100801060016.60AFCD345C9@minime.theporch.com>

BOATANCHORS Digest 4344

Topics covered in this issue include:

- 1) Re: [Hammarlund] question
by WA5CAB@cs.com
- 2) Re: Hallicrafters S-77 ballast resistor.
by "JAMES HANLON" <knjhanlon@msn.com>
- 3) For Sale
by John Sehring <wb0eq@yahoo.com>
- 4) Harris RF-301 Transceiver Problems
by David Hollander <n7rk@cox.net>

From: WA5CAB@cs.com
Message-ID: <8eaae.10a412bc.398246e7@cs.com>
Date: Wed, 28 Jul 2010 22:52:23 EDT
Subject: Re: [Hammarlund] question
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_8eaae.10a412bc.398246e7_boundary"

--part1_8eaae.10a412bc.398246e7_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Yep. Good stuff, too. The terminology seems to have been PACFLT. I don't think I ever heard it from LANTFLT sailors.

In a message dated 7/28/2010 6:42:32 PM Central Daylight Time,
ezeran@ezeran.cnc.net writes:

> Then there was "Monkey Sh*t"

>

> EdZ KG6UTS

>

> -----Original Message-----

> From: owner-boatanchors@theporch.com

> [mailto:owner-boatanchors@theporch.com]On Behalf Of Greg Roecker
> Sent: Wednesday, July 28, 2010 11:11 AM
> To: Old Tube Radios
> Subject: Re: [Hammarlund] question
>
>
>
> In the Navy we called it gumpucky...
>
> 73,
>
> Greg/n4osj
>
> ----- Original Message -----
> From: "Guido" <laffitte@prtc.net>
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Sent: Wednesday, July 28, 2010 2:06 PM
> Subject: RE: [Hammarlund] question
>
>
> >
> >Or was it unkumpucky?
> >
> >73s
> >
> >Guido KP4FAR
> >-----Original Message-----
> >From: hammarlund-bounces@mailman.qth.net
> >[mailto:hammarlund-bounces@mailman.qth.net] On Behalf Of D C *Mac*
> >Macdonald
> >Sent: Wednesday, July 28, 2010 1:16 PM
> >To: pmcknney@bellsouth.net; Hammarlund Mail List
> >Subject: Re: [Hammarlund] question
> >
> >
> >Probably very much like ackumpucky!
> >
> >Frequently used in military to describe any number of "icky" things, very
> >commonly about adhesives.
> >
> >~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
> >~ 73 - Mac, K2GKK/5 ~
> >~ (Since 30 Nov 53) ~
> >~ Oklahoma City, OK ~
> >~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
> >
> >
> >

> >
> >
> >From: pmcknney@bellsouth.net
> >To: Hammarlund@mailman.qth.net
> >Date: Mon, 26 Jul 2010 16:19:34 -0500
> >Subject: [Hammarlund] question
> >
> >What's an uckumpucky????
> >-----
> >Hammarlund mailing list
> >Home: <http://mailman.qth.net/mailman/listinfo/hammarlund>
> >Help: <http://mailman.qth.net/mmfaq.htm>
> >Post: <mailto:Hammarlund@mailman.qth.net>
> >
> >List Administrator: Duane Fischer, W8DBF
> >** For Assistance: dfischer at usol.com **
> >
> >
> >This list hosted by: <http://www.qsl.net>
> >Please help support this email list: <http://www.qsl.net/donate.html>
> >

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

--part1_8eaae.10a412bc.398246e7_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_8eaae.10a412bc.398246e7_boundary--

Message-ID: <SNT106-DS15F074151BDFBF35B09B20A0A90@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Hallicrafters S-77 balast resistor.
Date: Thu, 29 Jul 2010 13:32:09 -0600
MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="-----_NextPart_000_1D97_01CB2F22.72120C10"

This is a multi-part message in MIME format.

-----_NextPart_000_1D97_01CB2F22.72120C10
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Brian,

The BAMA Mirror website has a copy of the S-77 manual and the Photofax =
for the S77. The manual schematic has values for the 117 volt ballast =
written in what appears to be pencil. =20

I can check these values for sanity using Ohm's Law. You need to know =
that the filament string draws 0.3 amps when rated voltage is being =
dropped across each of the filaments, and that the two #47 pilot bulbs =
are rated at 6 volts, 0.15 amps.

If you want the pilot bulbs to burn at full brilliance, the resistors =
shunting them should also pass 0.15 amps when 6 volts is across them. =
So they should be $R = 3D V/I = 3D 6/0.15 = 3D 40$ ohms each. They are =
listed as 17.8 ohms each, which would wind up putting less than 6 volts =
across each bulb, running the bulbs dimmer, and giving less than 6 volts =
drop across each bulb. It's a little hard to tell exactly what the drop =
would be since the bulb resistance varies depending upon the amount of =
current flowing through the bulb. But if you want full bulb brilliance, =
use a 40 ohm, 1 watt resistor in this service.

The net voltage drop across the tube filaments and the bulbs will be: =
 $25 + 25 + (6 \times 6.3) + 6 + 6 = 3D 99.8$ volts. The voltage drop across the =
"main" ballast resistor would then be $117 - 99.8 = 3D 17.2$ volts and it's =
carrying 0.3 amps, so its resistance should be $R = 3D V/I = 3D 17.2/0.3 =$
 $= 3D 57.33$ ohms, and its power rating should be $17.2 \times 0.3 = 3D 5.16$ watts =
or more. The resistor value listed is 64 ohms. There would be a =
voltage drop across 64 ohms of $V = 3D R \times I = 3D 64 \times 0.3 = 3D 19.2$ volts. =
So 64 ohms would be the ideal value to use if the line voltage is $99.8 +$ =
 $19.2 = 3D 119$ volts. You can also find the value for whatever your line =
voltage is today by a similar application of ohms law. I'd suggest at =
using a 10 watt resistor in this spot for safety sake.

Hope this is useful. Let me know if you need the values for the 220 =
volt ballast or for any other value of line voltage and I can help you =
figure them out.

73,

Jim, W8KGI

----- Original Message -----=20

From: Brian Goldsmith<mailto:brian.goldsmith@echo1.com.au>=20

To: Old Tube Radios<mailto:boatanchors@theporch.com>=20

Sent: Tuesday, July 20, 2010 4:58 PM

Subject: Hallicrafters S-77 balast resistor.

Greetings to all.Would anyone have the full details of the ballast =
resistor

R38 setup in S77A?It came in two versions, 117Volt and 220Volt.There =
is some

information hand written into one of the manuals I have however,the =
resistor

values seem to be incorrect.

Thanks,Brian G.

-----=_NextPart_000_1D97_01CB2F22.72120C10

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_1D97_01CB2F22.72120C10--

Message-ID: <786181.72415.qm@web45613.mail.sp1.yahoo.com>

Date: Sat, 31 Jul 2010 13:08:50 -0700 (PDT)

From: John Sehring <wb0eq@yahoo.com>

Subject: For Sale

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: quoted-printable

I was invited by a family to clean out the basement lab of an old-time expe=
rimerter, SK.=A0 =0A=0AMany BA instruments followed me home.=A0 Now, what t=
o do with them?=0A=0A1.=A0 Beckman Reference Generator 5580 with 5581/4 plu=
g-in=0A2.=A0 Beckman Reference Generator 5580 with 5581/21 plug-in=0A3.=A0 =

Beckman Heterodyne Unit 5571-2=A0 Beckman Universal EPUT and Timer 5571-1; has 7 vertical rows showing decimal count via individual lamps (not Nixie's); early day frequency/period counter=A05.=A0 Lavoie Frequency Meter LA-70A with "decimal" (i.e. like digital) controls, have two complete units=A06.=A0 Lavoie Oscilloscope LA-239C w/3" CRT, MIL-spec design & quality, I have two complete units plus one=A0 spare CRT DuMont 3ADP1; freq. response= to 20 MHz, sensitivity 10 mV/cm, 10x delayed & expanded sweep, calibration= generator, and timing markers from 0.2 to 2000 uSec; with one fair copy of= complete ops & svc manual=A07.=A0 SIE E2 Comparison Bridge=A08.=A0 SIE VTV-M R-3, 100 meg input Z on DC, with original manual.=A09.=A0 Lampkin 105B Frequency Meter, in solid copper enclosure; variable piston-type capacitor machined from solid copper.=A0=A0Items 1-6 are rackmount size/configuration, each in its own table-top enclosure.=A0 Operating condition of equipments = unknown but all in at least "good" physical condition, i.e. carefully handled, no drops.=A0 Came out of a 2-way FM radio shop of the late 1950's & so = were in operating condition in the past according to the family.=A0 =A0=A0What you've got here is darn-near state of the art gear of that era.=A0=A0A cannot ship, too heavy/fragile, so must be picked up.=A0 Please help honor our BA heritage.=A0 (Otherwise, it will be melted down as scrap & maybe wind = up as a bronze sculpture.)=A0=A0Price =3D FREE!=A0 =A0=A0I want to save these from the dump.=A0=A0--John WB0EQ/VE6=A0 Okotoks, Alberta, Canada=A0=A0=A0=A0=A0=A0

Message-ID: <4C548C86.1070004@cox.net>
Date: Sat, 31 Jul 2010 13:50:14 -0700
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Harris RF-301 Transceiver Problems
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

I have a Harris RF-301 transceiver that has some problems.

The receiver is working fine but the transmitter is only putting out a couple of watts. For a basic check, I have checked the three 6146B's, the 12BY7 driver and the 6DC6 and they are all good.

This has put out full power (near 100 watts) in the past but I have not used it in a few years. Set it up yesterday and the output is barely a couple of watts. The transmit audio is fine when listening on another receiver.

Any suggestions would be much appreciated? I do have the manual. Does anyone know of anyone who works on these radios? This is a very complex radio.

Tnx and 73,

Dave N7RK

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Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

End of BOATANCHORS Digest 4344
